

DISPLAY SYSTEM FOR OPERATING A DEVICE WITH REDUCED OUT-THE-WINDOW VISIBILITY

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ABSTRACT

A display system for a device with reduced out-the-window visibility includes a display processor that receives an image from a sensor, wherein the sensor is capable of providing a continuously updated image of an area outside the device that is obscured from view of an operator by a portion of the device's structure. The sensor image can be combined with symbols representing information regarding the operational state of the device. The combined sensor image and symbols are output to a display device that is positioned to provide a portion of the out-the-window field of view to the operator. The entire desired field of view for the operator is provided by the display device in combination with the out-the-window scene available through windows of the device.